

Date: Monday, 11/08/2008 2:45:24 PM  
 User: Linda Lacelle

## Process Sheet

<b>Customer</b> :	CU-DAR001 Dart Helicopters Services	<b>Drawing Name</b> :	WEARPAD
<b>Job Number</b> :	41123		
<b>Estimate Number</b> :	10313		
<b>P.O. Number</b> :		<b>Part Number</b> :	D26483
<b>This Issue</b> :	11/08/2008	<b>S.O. No.</b> :	
<b>Prsht Rev.</b> :	NC	<b>Drawing Number</b> :	D2648 REV D
<b>First Issue</b> :	/ /	<b>Project Number</b> :	N/A
<b>Previous Run</b> :	40557	<b>Drawing Revision</b> :	D
<b>Written By</b> :		<b>Material</b> :	
<b>Checked &amp; Approved By</b> :	JLD 08.8.11	<b>Due Date</b> :	20/08/2008
<b>Comment</b> :	Est: E 02.09.18 Re-format; Incorporated D2648-1 KJ/RF Est Rev:F Now on Waterjet 06-08-14 JLM		
		<b>Qty:</b>	30
		<b>Um:</b>	Each

## Additional Product

Job Number:



<b>Seq. #:</b>	<b>Machine Or Operation:</b>	<b>Description :</b>
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1.0	M1010S16GA	1010/1025 sheet 16GA
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**Comment:** Qty.: 0.0788 sf(s)/Unit Total : 2.3625 sf(s)  
 1010/1025/A21/6aA SHEET  
 (M1010S16GA)  
 Batch: 105706 LB 8-8-18

2.0	WATER JET	FLOW WATER JET
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**Comment:** FLOW WATER JET  
 1-Cut as per Dwg D2648  
 \*\*\*\*\*CUT WITH FILE D2648-1\*\*\*\*\*  
 Dwg Rev: D LB 8-8-18  
 Prog Rev: D

2-Deburr if necessary LB 8-8-18

3.0	QC2	INSPECT PARTS AS THEY COME OFF MACHINE
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LB 8-8-18



**Comment:** INSPECT PARTS AS THEY COME OFF MACHINE

4.0	QC8	SECOND CHECK
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**Comment:** SECOND CHECK

5.0	SMALL FAB 1	SMALL & MEDIUM FAB RESOURCE 1
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**Comment:** SMALL & MEDIUM FAB RESOURCE 1  
 Deburr if necessary

n/a Done at step 2.2  
 8/8/08

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

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Drawing Name: WEARPAD

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Part Number: D26483

Job Number:



Seq. #:

Machine Or Operation:

Description :

6.0

BRAKE NC

NC BRAKE



Comment: NC BRAKE

1-Form as per Dwg D2648 on CNC brake using Jigs DT 8261 and DT 8326.

2-Identify as D2648-3

SP 08/08/19 (33)

7.0

LARGE FAB 1

LARGE FABRICATION RESOURCE 1



Comment: LARGE FABRICATION RESOURCE 1

Qty Description Batch

A/R560Hardcoat

M106762

1-Weld as per Dwg D2648 using Jig DT 8210

2-Remove any weld that penetrated through Wearpadif necessary

FL 8-8-22

(X33)

8.0

QC10

VISUAL INSPECTION OF GROUND WELDS



Comment: VISUAL INSPECTION OF GROUND WELDS

08/08/22 (X33) center

9.0

QC5

INSPECT WORK TO CURRENT STEP



Comment: INSPECT WORK TO CURRENT STEP

08/08/22 (X33)

10.0

POWDER COATING

POWDER COATING



M106442



Comment: POWDER COATING

Powder Coat Grey Sandtex (Ref: 4.3.5.6) as per QSI 005 4.3

START TIME:

OVEN TEMPERATURE:

FINISH TIME:

8:15  
320 OF  
8:45

m-l 08/08/25

(33X)

11.0

QC3

INSPECT POWDER COAT/CHEMICAL CONVERSION



Comment: INSPECT POWDER COAT/CHEMICAL CONVERSION

08-08-25 (X33)

12.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Identify and Stock

Location:

F-P-17

m-l 08/08/25

(33X)

**Dart Aerospace Ltd**

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

Date: Monday, 11/08/2008 2:45:24 PM  
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Drawing Name: WEARPAD

Job Number: 41123

Part Number: D26483

Job Number:



Seq. #:

Machine Or Operation:

Description :

13.0

QC21

FINAL INSPECTION/W/O RELEASE



08/08/25

Comment: FINAL INSPECTION/W/O RELEASE

Job Completion



u 08/08/25

**Dart Aerospace Ltd**

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

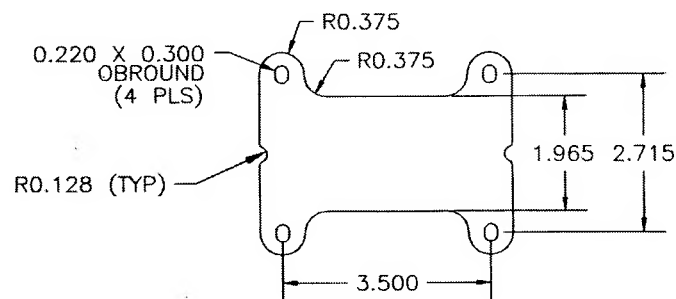
QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

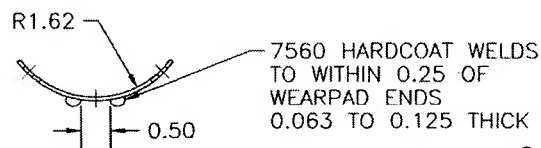
**NOTE:** Date & initial all entries



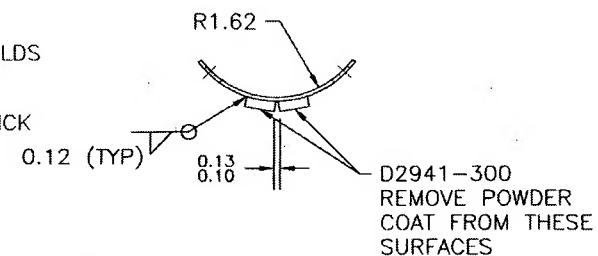
# D2648-1 FLAT PATTERN



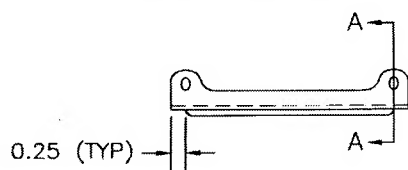
## SECTION A-A



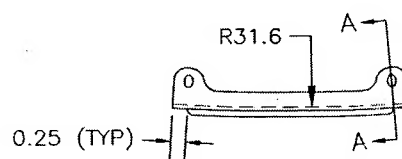
## SECTION B-B



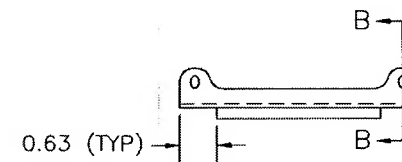
## D2648-3 LONGITUDINAL BEND (MADE FROM D2648-1)



## D2648-5 LONGITUDINAL BEND (MADE FROM D2648-1)



## D2648-7 LONGITUDINAL BEND (MADE FROM D2648-1)



RELEASED  
19.12.20 DS



BREAK ALL SHARP CORNERS 0.063 MAX  
MATERIAL: 16 GAUGE AISI 1010-1025 OR ASTM A36/A366 STEEL (0.063 THICK)  
FINISH: POWDER COAT GREY (REF. 4.3.5.5) PER DART QSI 005  
TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED  
ALL DIMENSIONS ARE IN INCHES

NO. 4103  
WORK ORDER  
WITHOUT NOTICE  
SUBJECT TO AMENDMENT  
UNCONTROLLED COPY  
ENGINEERING  
RETURN TO  
SHOP COPY

D	99.11.17	ADDED D2648-7
C	97.06.26	R31.6 WAS R19.6
B	97.05.30	ENLARGE OBOUND, 0.375 WAS 0.250
A	97.03.25	NEW ISSUE
DESIGN	DRAWN BY	<b>DART</b> DART AEROSPACE USA, INC. BELLINGHAM, WA
CHECKED	APPROVED	DRAWING NO. D2648 REV. D SHEET 1 OF 1
DATE	TITLE	SCALE
99.11.17	WEARPAD	1:2